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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Al-Ali Examiner: Scott Hughes

Application Number: 10/781,130 Group Art Unit: 3663

Filing Date: February 17, 2004

Title: SEISMIC P-WAVE VELOCITY DERIVED
FROM VIBRATOR CONTROL SYSTEM

STATEMENT OF FILING BY EXPRESS MAIL 37 C.F.R. SECTION 1.10

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INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement (hereinafter sometimes referred to as "IDS") is submitted in accordance with 37 C.F.R. §§1.97 and 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. §1.97, as it is filed:
(Check one of the boxes opposite A-D)

☐ A. within three months of the filing date of the above-identified national application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in the above-identified international application.

☒ B. before the mailing date of a first office action on the merits.

☐ C. after the times set forth in (A) and (B) above, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a notice of allowance under 37 C.F.R. §1.311, and the necessary statement pursuant to 37 C.F.R. §1.97(e) appears below (see box "i") or the necessary fee is enclosed (see box "ii" below).

(check one of the boxes opposite "i" or "ii" below)

☐ i. (check the applicable statement)

☐ I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

☐ I, the undersigned, hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

☐ ii. A check for the fee set forth in 37 C.F.R. §1.17(p), presently believed to be \$ 180.00, is enclosed.

☐ D. after the times set forth in (A), (B), and (C) above, but before payment of the issue fee, since Applicant petitions for the consideration of this Information Disclosure Statement by a petition enclosed herewith pursuant to 37 C.F.R. §1.97(d)(2), a check for the petition fee set forth in 37 C.F.R. §1.17(i), presently believed to be \$ 130.00, is enclosed, and the necessary statement pursuant to 37 C.F.R. §1.97(e) appears below: (check the applicable statement)

☐ I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

☐ I, the undersigned, hereby state that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

2. In accordance with 37 C.F.R. §1.98(a)(1), this IDS includes a list on form PTO-1449 of all patents, publications, or other information submitted for consideration by the Office, incorporated into this IDS as an attachment hereto. Pursuant to 37 C.F.R. §1.98(b): (i) each U.S. patent listed is identified by patentee, patent number, and issue date; (ii) each foreign patent or published foreign patent application is identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application; and (iii) each publication is identified by author (if any), title, relevant pages of the publication, date, and place of publication. A legible copy of each document listed is attached and incorporated into this IDS, except that no copy of any U.S. patent application is included pursuant to 37 C.F.R. §1.98(a)(2)(iii) and except as explained below. (check the boxes opposite A and/or B and fill in blanks, if appropriate)

☐ A. Document(s) _____ is (are) substantively cumulative to document(s) _____, and, in accordance with 37 C.F.R. §1.98(c), only a copy of each of the latter document(s) is (are) attached.

☐ B. Certain documents were previously cited by or submitted to the Office in the following prior application(s), which are relied upon for an earlier filing date under 35 U.S.C. §120:

[insert application numbers and filing dates of prior applications]

These documents are identified by attaching hereto copies of the forms PTO-892 and/or PTO-1449 from the files of the prior application(s) and Applicant requests that they be considered and made of record in this application in accordance with 37 C.F.R. §1.98(d). Pursuant to 37 C.F.R. §1.98(d), copies of these documents need not be provided with this IDS. (check paragraphs 3 and/or 4, if applicable)

☐ 3. Document(s) _____ is (are) not in the English language. In accordance with 37 C.F.R. §§1.98(a)(3), 1.98(c), it is stated that: (check the applicable statement(s))

☐ English translation(s) of the document(s) _____ (or of the pertinent portions thereof) is (are) enclosed and, thus no concise explanation of their relevance is required, (see M.P.E.P., §609, p. 600-92).

☐ English-language equivalent(s) of the document(s) _____ (or of the pertinent portions thereof) which is (are) in fact translation(s) of the document(s) is (are) enclosed.

☐ The attached English-language version of a search report or other action by a foreign patent office in a counterpart foreign application which cites document(s) __ and which indicates the degree of relevance found by the foreign office is submitted to satisfy the requirement for a concise explanation of the relevance of the document(s), (see M.P.E.P., §609, p. 600-93).

☐ A concise explanation of the relevance of document(s) _____ is set forth as follows:

[insert concise explanation of relevance]

☐ A concise explanation of the relevance of document(s) _____ can be found on page(s) _____ of the specification.

☐ A concise explanation of the relevance of document(s) _____ can be found on the attached sheet.

☐ 4. Other information being provided for the Examiner's consideration follows:

[insert other information]

5. In accordance with 37 C.F.R. §§1.97(g), 1.97(h), the filing of this IDS shall not be construed as a representation that a search has been made or as an admission that information cited in this IDS is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b). Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

6. Please charge any deficiency or other fees or credit any refund or overpayment to Deposit Account No. 01-0035.

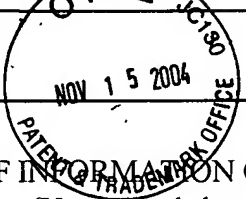
Respectfully submitted,



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Date: November 15, 2004

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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket Number 205,997		Application Number 10/781,130	
				Applicant Al-Ali		Examiner Scott Hughes	
LIST OF INFORMATION CITED BY APPLICANT (Use several sheets if necessary)				Filing Date February 17, 2004		Group Art Unit 3663	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	US 2,087,120	07/13/1937	Salvatori et al.	367	53	06/15/1936	
	US 2,229,191	01/21/1941	Schaeffer et al.	367	54	07/28/1939	
	US 2,231,575	02/11/1941	Gardner	367	56	11/20/1939	
	US 2,354,548	07/25/1944	Ricker	367	75	08/29/1941	
	US 2,390,187	12/04/1945	Sharpe	367	75	10/22/1941	
	US 3,003,577	10/10/1961	Itria	367	75	06/05/1957	
	US 3,351,899	11/07/1967	Luehrmann et al.	367	23	06/27/1966	
	US 4,422,165	12/20/1983	Thomas et al.	367	40	02/11/1981	
	US 4,750,157	06/07/1988	Shei	367	45	05/06/1987	
	US 4,893,694	01/16/1990	Houck et al.	181	111	11/14/1988	
	US 4,972,384	11/20/1990	Williams	367	75	01/18/1990	
	US 5,010,976	04/30/1991	Airhart	181	108	10/04/1989	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
						Abstract Only	
OTHER INFORMATION <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
Examiner			Date Considered				
*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							